



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for SILVERCREST KH 4300 OVERLOCK SEWING MACHINE. You'll find the answers to all your questions on the SILVERCREST KH 4300 OVERLOCK SEWING MACHINE in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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■ Overlock Sewing Machine



KH 4300

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**Manual abstract:**

*This overlock sewing machine is not intended . Like any other electrical device, a sewing machine can cause serious, even life-threatening injuries. To avoid these, and to work safely: A Always disconnect the power supply when leaving the machine unattended. This will prevent the risk of accidents if the machine is switched on accidentally. a First pull the power plug before changing the bulb or performing maintenance work on the machine. This will prevent possibly life-threatening electric shocks. a Do not pull the plug out of the wall socket by the lead. When pulling out the plug, always hold the plug, not the lead. a Only use the sewing machine in dry rooms. Arrange for defective power plugs and/or cables to be replaced at once by qualified technicians or our Customer Service Department.*

*a This appliance is not intended for use by individuals (including children) with restricted physical, physio-logical or intellectual abilities or deficiencies in experience and/or knowledge unless they are supervised by a person responsible for their safety or receive from this person instruction in how the appliance is to be used. a Children should be supervised to ensure that they do not play with the appliance. a Never use the machine when the ventilation apertures are blocked. @@@@Keep your work space tidy. @@You should also wear a hair net if you have long hair.*

*@@Number of threads Number of needles Sewing speed Stitch width 4 or 3 2 or 1 1100 Revs/min 6 mm with 4 threads 6 mm or 4 mm with 3 threads 1 A 5 mm HA x 1 Nr. The sound intensity level under normal operating conditions amounts to 78dB(A). Foot pedal Use only the foot pedal originally supplied with this sewing machine: - ELECTRONIC FDM Speed Controller - Type KD-2902 1 Thread tree 2 Thread tension selector (lower looper) 3 Spool support 4 Cold air intake 5 Connection Footpedal/Power supply 6 Handwheel 7 Power switch (On/Off switch) 8 Front flap 9 Arm support 0 Free arm q Thread tension selector (left needle) w Thread tension selector (right needle) e Thread tension selector (upper looper) r Thread guide t Thread guide plate z Adjustment wheel for stitch length u Adjustment wheel for differential feed motion i Adjustment wheel for cutting width o Sewing foot p Lower blade a Upper blade s Upper looper d Lower looper f Release lever PUSH g Connection plug h Foot pedal j Power plug k Waste container Ensure there is sufficient illumination at your workplace. Completely withdraw the thread tree 1 before threading. Turn the thread tree 1 so that the thread guides stand exactly above the spool supports 3.*

*Both industrial bobbins and household bobbins can be used with this machine. For industrial bobbins with a large diameter place the bobbins supports in with the broad end to the top, for bobbins with a small diameter place the support in with the narrow end to the top. This machine is fitted with a micro safety switch. You cannot start the machine if the front flap 8 is open. Close the front flap 8 before you start to sew. The waste container k collects remnants during sewing, so that your workplace stays tidy. Place the waste container k between the machine and the table. Insert the plug of the footpedal g into the connection for the footpedal 5 and the power plug j into a mains power socket. During absences from the machine or when doing maintenance work, always remove the plug j from the mains power socket. Always turn the handwheel 6 towards yourself, that is, in the same direction as with a domestic sewing machine.*

*To open the front flap 8, slide it as far as possible to the right and, at the same time, draw it towards yourself. The sewing speed is controlled by means of the footpedal h. The sewing speed is changed by applying more or less pressure to the footpedal h. Opening the free arm For threading the yarns the free arm 0 must be opened. 1. Pull the arm support 9 off to the side. Press the release lever "PUSH" f and, at the same time, pull the free arm 0 downwards. Correct threading is important, so that the stitches are not irregular and that the yarn does not break. On the inner side of the front flap 8 there is a guide to threading. additionally , the thread guides are marked in various colours.*

*In the accessory box you will find pincers, the use of which helps make threading easier. Threading takes place in this sequence: 1. Open the front flap 8 and free arm 0. 2. Turn the handwheel 6 to yourself until the looper s is in the most favourable position for threading.*

*Before starting to thread yarns, ALWAYS place the power switch 7 at OFF and remove the plug j. This will prevent an unintentional starting of the appliance. If you do not, you run a risk of serious injury! The yarn must lie correctly between the two discs of the thread tension selector 2/e. Pull the end of the thread about 10 cm (4") out from the looper eyelet. 5.*

*@@@@@@@@@@@@@@@@ lift the sewing foot o. @@@@@@@@@@@@@@@@@ Cut through the threads with scissors. The tread tension on the left needle is too loose. @@@@@@@@@@@@@ 4. @@@Then carry out the rethreading. The stitch length can be adjusted in nine steps, from 1. Almost all overlock work is carried out with a stitch length of 2. @@@@With this you move the lower blade p. @@@Before exchanging the needles, remove the power plug. This prevents an unintended starting of the machine.*

*If you do not, you run a risk of serious injury! 1. Turn the handwheel 6 towards yourself until the needles are in the highest position. 2. Open the front flap 8 and lower the sewing foot o. 3. Loosen the setscrew against the needle with the Allen key from the accessories box and then remove the needle: - upper left setscrew for the left needle - lower right setscrew for the right needle. For this, turn the adjustment wheel for cutting width i to the right (N). Select a larger cutting width if the yarn is being sewed beyond the material edge. For this, turn the adjustment wheel for cutting width i to the left (W). Insert the new needle, with the flat side to the rear, into the needle mounting.*

*When the needles have been correctly fitted, the left needle stands a little higher than the right needle. If the needles have not been correctly inserted, stitches will occasionally be left out when sewing. This machine is equipped with needles of the type H. When changing bulbs, ALWAYS remove the plug j from the mains power socket! 1. Remove the small round cover with a needle or something similar.*

*The lower blade p is manufactured from a special material and normally does not need to be exchanged. Should it at some time become nonetheless damaged, please make contact with our Customer Services. To exchange the upper blade a when it has become blunt: 1. Open the front flap 8 and turn the handwheel 6 towards yourself until the needles are in the lowest position. 2.*

*Using the screwdriver, loosen the screw on the upper blade holder and remove the upper blade a. Insert a new upper blade a and lightly tighten the screw on the blade holder.*



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4. Adjust the upper blade *a* so that its cutting edge surmounts the cutting edge of the lower blade *p* by about 0. Now firmly tighten the setscrew in the holder for the upper blade *a* and close the front flap 8. Before changing the blade *a*, ALWAYS remove the plug *j* from the mains power socket. This prevents an unintended starting of the machine. If you do not, you run a risk of serious injury! Close and broad sewing with three threads When sewing with this machine you can adjust from four to three threads. Remove either the left or the right needle (see section "Exchanging needles") and the appropriate thread. The machine is now ready for sewing with three threads.

With exclusive use of the right needle, the stitching length amounts to 4 mm (0. Remove the arm support 9, as shown in the illustration, to change from flatbed to free arm operation. With exclusive use of the left needle, the stitching length amounts to 6 mm (0. @@@@Now the letter R stands on the screw. @@@@

3. Open the front flap 8 and remove the left needle (see section " Exchanging needles"). If a yarn is not threaded, now rethread a new yarn. 7. Lay your material under the sewing foot *o* and start to sew. If you wish to sew very thin or light materials, select a suitable thread tension, as described in the section "Setting the thread tension".

Before you begin to sew on your actual workpiece, always check the adjustments for stitching length and thread tension on a material remnant. Always remember to return the adjustment for the sewing foot *o* from this special to normal operation (sewing tasks) after the sewing of hems. With the differential feed motion uneven seams are avoided in knitted materials, as well as the slippage of textile positions. The machine has two sets of toothed rack feeders, on.



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